

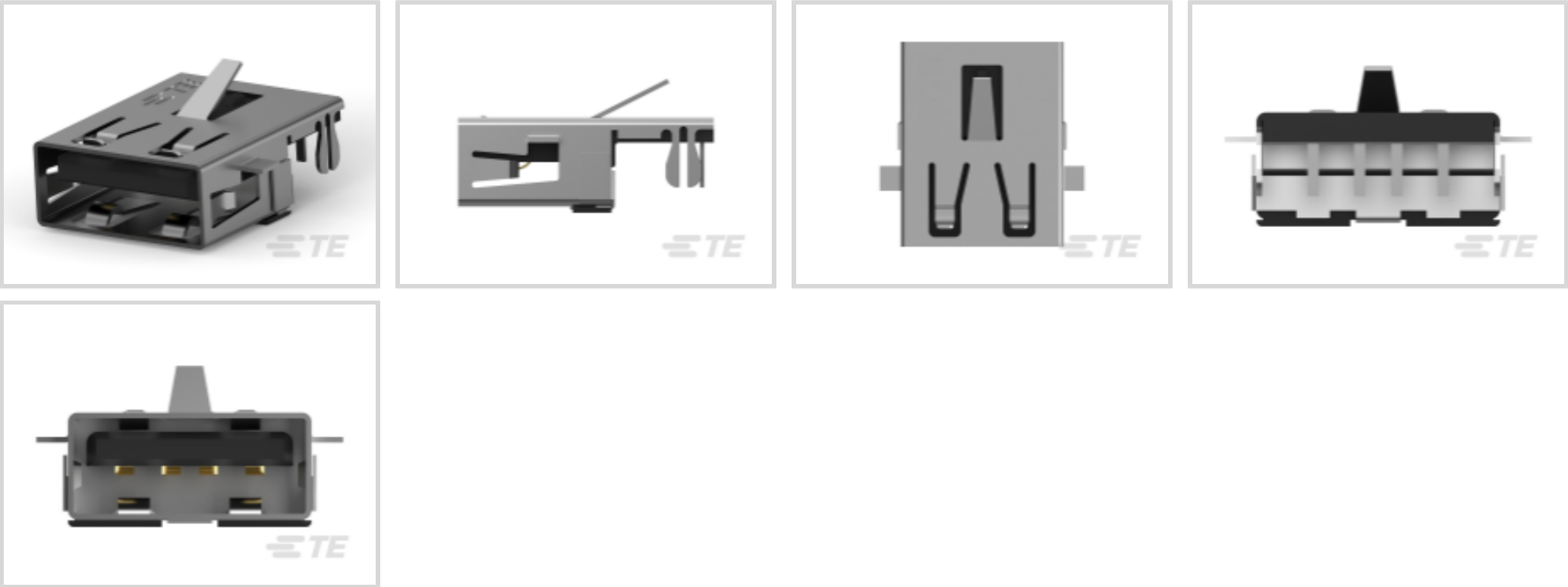


TE Internal #: 1746311-1

A, 2.0, Standard Profile, Receptacle, 1 Port, Edge, Right Angle, Box & Tray / Tray, Flush, Through Hole - Solder, Cable-to-Board, USB Connectors

[View on TE.com >](#)

Connectors > Audio & Video Connectors > USB Connectors



USB Adapter Type: **A**

USB Version: **2.0**

Connector Profile: **Standard**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

Features

Industry Standards

Industry Standard	USB 2.0
Moisture Sensitivity Level	1
UL Flammability Rating	UL 94V-0

Dimensions

PCB Thickness (Recommended)	1.1 – 1.3 mm[.039 – .051 in]
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Operation/Application

Halogen Free	No
Circuit Application	Power & Signal

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1 A

Termination Features

Termination Post & Tail Length	2.9 mm[.114 in]
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Termination Method to PCB	Through Hole - Solder
Packaging Features	
Packaging Quantity	63
Packaging Method	Tray, Box & Tray
Housing Features	
Housing Color	Black
Housing Material	Thermoplastic
Body Orientation	Right Angle
Centerline (Pitch)	2 mm, 2.5 mm[.098 in][.078 in]
Mechanical Attachment	
Locking Feature	With
PCB Mount Location	Edge
PCB Connector Seating	Flush
PCB Mount Retention Type	Hold-Down, Straight Leg
Connector Mounting Type	Board Mount
Configuration Features	
Number of Mounting Legs	2
Number of Ports	1
Number of Positions	4
Body Features	
Shell Plating Finish	Bright
Shell Plating Material	Tin
Connector Profile	Standard
Product Type Features	
USB Adapter Type	A
USB Version	2.0
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
USB Connector Type	USB 2.0 Type-A
Usage Conditions	
Soldering Temperature (Max)	240 °C[464 °F]



Mating Cycles (Max)	1500
Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

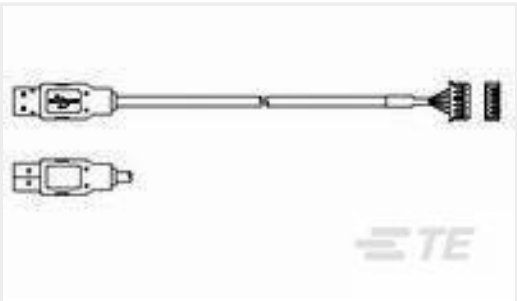
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

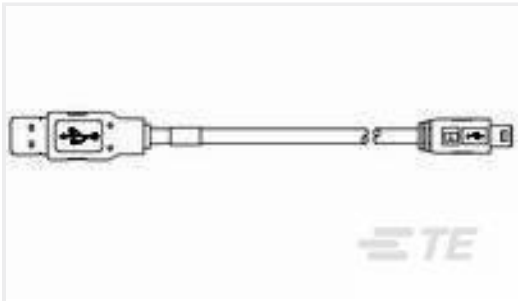
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



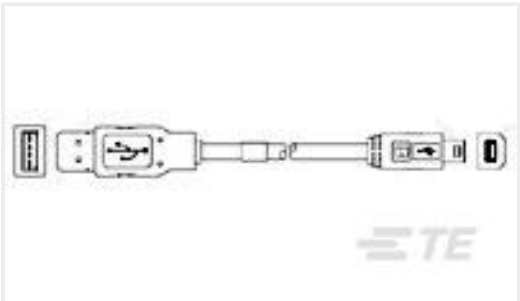
TE Part # 2142872-1
cable assy, usb a plug to 5p hsg



TE Part # 1929690-1
USB CABLE, USB A to Mini USB,Blue



TE Part # 1827525-1
MECHATROLINK II CONNECTOR KIT



TE Part # 1496476-1
STD USB-A TO MINI-B ASSY, 1M



TE Part # 1487593-2
USB, A-BLUNT,28/24,WHT,1.5M



TE Part # 1-1734028-3
Std USB, Type A, Plug



TE Part # 1-1734028-1
Std USB, Type A, Plug, Natural



TE Part # 1487593-1
USB, A-BLUNT,28/24,WHT,2.0M



TE Part # 1734028-1
Std USB Type A, Plug, Natural



TE Part # 1487600-1
USB, A-BLUNT,28/26,BLK,1.0M



TE Part # 1487599-1
USB, A-BLUNT,28/28,BLK,0.83M

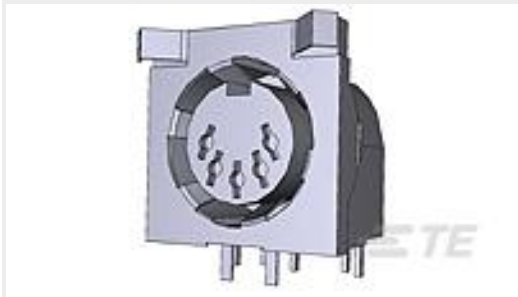


TE Part # 1487591-1
USB, A-BLUNT,28/28,WHT,0.83M

Customers Also Bought



TE Part #4-1622825-6
RL73K 3A R27 5% 4K RL



TE Part #5750477-1
5 CIRC DIN RCPT W/GRND FINGERS



TE Part #4-1879215-0
CPF 0402 10K7 0.1% 25PPM 1K RL



TE Part #6-1879215-6
CPF 0402 22K1 0.1% 25PPM 1K RL



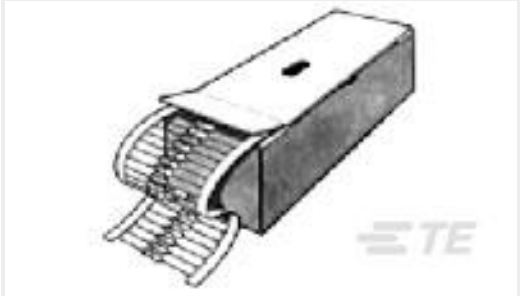
TE Part #9-1879215-7
CPF 0402 46K4 0.1% 25PPM 1K RL



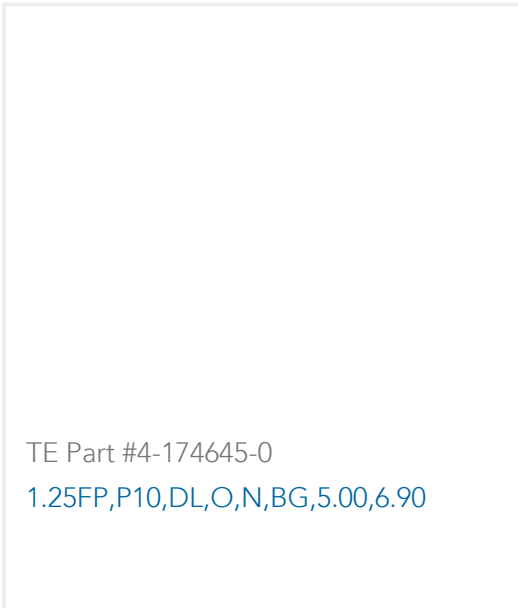
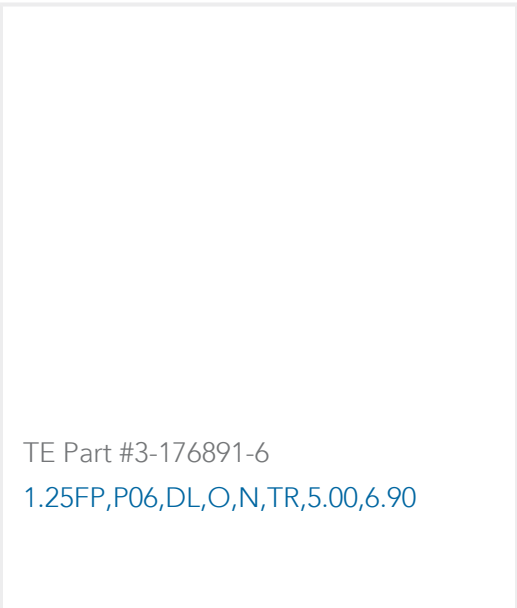
TE Part #1622162-1
LR0204 1% 150R



TE Part #NB25842001
SCL-3/8-0-STK



TE Part #2176084-7
EP 7W (S) 100R 5%



Documents

Product Drawings

[Std USB Type A, R/A, T/H](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1746311-1_G1.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1746311-1_G1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1746311-1_G1.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English